



AS160 (Phospho-Thr642) Antibody

E11-0457A

For Research Use Only

Catalog Number: E11-0457A

Concentration: 1mg/ml

Swiss-Prot No.: O60343

Other Names: Akt substrate of 160 kDa, KIAA0603, TBC1 domain family member 4, TBC4, TBCD4

All Sites: Human: Thr642; Mouse: Thr649

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human AS160 around the phosphorylation site of threonine 642 (A-H-T^P-F-S).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: AS160 (Phospho-Thr642) antibody detects endogenous levels of AS160 only when phosphorylated at threonine 642.

Reactivity: Human, Mouse

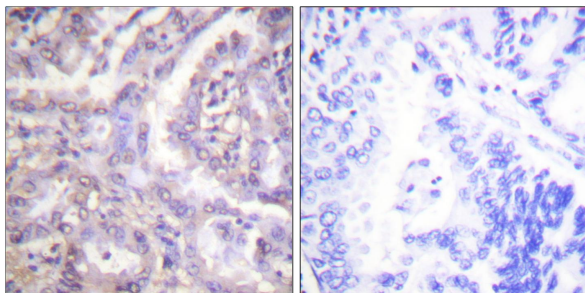
Applications: WB: 1:500~1:2000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:5000~1:10000

References:

Eric B. Taylor, FASEB J, Apr 2007; 21: A1207.

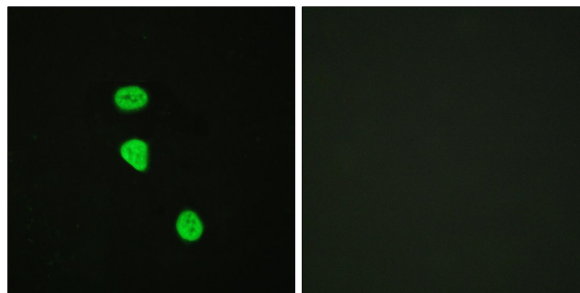
Henning F. Kramer, J. Biol. Chem., Oct 2006; 281: 31478 - 31485.

Grantley R. Peck, Mol. Endocrinol., Oct 2006; 20: 2576 - 2583.



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using AS160 (Phospho-Thr642) antibody.



P-peptide - +

Immunofluorescence analysis of HeLa cells, using AS160 (Phospho-Thr642) antibody.